

***Monitoring and Predictive Modeling of Bacteria in Support of  
Recreational Use of the Lower Anacostia River, Washington D.C.***

**Prepared for the Washington D.C. Department of Energy and Environment**

**By**

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DC DOEE

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3-year project to evaluate and monitor bacteria abundance in Lower Anacostia River and tributaries

**Year 1. Evaluate existing DOEE data base (2000-present)**

(A) temporal and spatial distribution of bacteria

(2) determine relations between bacterial abundance and stream-environmental conditions – can E. Coli abundance be predicted using environmental and WQ parameters?

E. Coli = f(temperature, weather, turbidity, season, WQ parameters, other....)

Next steps

**Timothy P. Wilson to present at Q4 LCCAR**